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Jacobsen et al.

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(54) **HEADSET COMPUTER THAT USES
MOTION AND VOICE COMMANDS TO
CONTROL INFORMATION DISPLAY AND
REMOTE DEVICES**

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(57) **ABSTRACT**

A wireless hands-free portable headset computer with a
micro display arranged near but below a wearer's eye in a
peripheral vision area not blocking the wearer's main line of
sight. The headset computer can display an image or por-
tions of an image, wherein the portions can be enlarged. The
headset computer also can be equipped with peripheral
devices, such as light sources and cameras that can emit and
detect, respectively, visible light and invisible radiation,
such as infrared radiation and ultraviolet radiation. The
peripheral devices are controllable by the wearer by voice
command or by gesture. The headset computer also can be
broken down into component parts that are attachable to
another article worn by an individual, such as a helmet or
respirator mask.

6 Claims, 11 Drawing Sheets

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